



PTO/SB/08a (07-06) (modified)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/721,478
		Filing Date	November 25, 2003
		First Named Inventor	Gregory A. Graves
		Art Unit	2832
		Examiner Name	Tu Ba Hoang
Sheet 1	of 1	Attorney Docket Number	MP1454-US10

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
OKL		EP-0461864-A1	12-18-1991	Daito Communications		<input type="checkbox"/>
		JP-55-126601-U	03-05-1979			Partial Abstract
		JP-57-57502-U	09-19-1980			Partial Abstract
		JP-62-32505-U	02-26-1987			Partial Abstract
		JP-62-34404-U	02-28-1987			<input type="checkbox"/>
		JP-62-36502-U	03-04-1987			<input type="checkbox"/>
		JP-62-51706-U	03-31-1987			<input type="checkbox"/>
		JP-62-155501-A	07-10-1987	Murata		<input type="checkbox"/>
		JP-63-13302-A	01-20-1988	Mitsubishi Mining		<input type="checkbox"/>
		JP-63-46802-U	03-30-1988	Murata		Abstract
		JP-63-131116-U	08-26-1988			<input type="checkbox"/>
		JP-63-211701-A	09-02-1988			Partial Abstract
		JP-01-95714-U	06-26-1989			Partial Abstract
		JP-1-259502-A	10-17-1989	Murata		Abstract
		JP-2-131301-U	10-31-1990			<input type="checkbox"/>
		JP-2-146402-U	12-12-1990	Matsushita		Abstract
		JP-3-123002-A	05-24-1991	TDK		Abstract
		JP-4-139704-A	05-13-1992	Kyocera		Abstract
OKL		JP-4-372101-A	12-25-1992	Rohm		Abstract

Examiner Signature	TU HOANG	Date Considered	3/1/07
--------------------	----------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select operation 2.